# SCIENCE ABSTRACTS.

## SECTION A.—PHYSICS.

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# *ERRATA.*

## Section A.—PHYSICS.

Abstract No. 160, line 1 : *for* P. T. Daniell, *read* P. J. Daniell.
Abstract No. 234, line 1 : *for* A. A. Pfund, *read* A. H. Pfund.
Abstract No. 247, line 1 : *for* T. Huerlinger, *read* T. Heurlinger.
Abstract No. 470, line 5 : *for* appartus, *read* apparatus.
Abstract No. 908, p. 339, line 17 : *for* Lim *read* Lim.
Abstract No. 965, line 5 : *for* at $l/t^2$, *read* as $l/t^2$.
Abstract No. 997, line 8 : *for* Michelsen, *read* Michelson.

### CORRIGENDUM.

Abstract No. 1043 : author's correction in Phys. Rev. 8. p. 753, 1916.

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# SUBJECT INDEX.

## SECTION A.—PHYSICS.

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**To facilitate reference to any desired subject, the Index is divided into the following sections arranged alphabetically. If any of these are absent this may be taken as an indication that no Abstracts dealing with those particular subjects have been included in this volume.**

**Where phenomena such as the Hall-effect, Thomson-effect, Zeeman-effect, etc., are mentioned in an Abstract but not in the Title, the reference will be found in the Name Index.**

**The numbers refer to Abstracts; if the letter B follows a number the Abstract will be found in Section B under that number.**

***In General Physics*:—Apparatus and Instruments (physical, excluding electrical, descriptive); Astronomy; Diffusion; Dynamics; Elasticity; Gravity; Measurements and Use of Instruments; Meteorology, &c.; Miscellaneous; Molecular Physics, Matter and Ether; Pressures (high and low); Surface Tension; Terrestrial Physics; Theories; Viscosity.**

***In Light*:—Absorption; Dispersion; Interference; Measurements and Use of Instruments; Miscellaneous; Phosphorescence and Fluorescence; Photography; Photometry; Polarisation; Radio-activity; Rays and Radiation; Reflection of Light; Refraction of Light; Spectra; Vision; Zeeman-Effect and Radiation in a Magnetic Field.**

***In Heat*:—Absorption; Conductivity; Critical Points and Constants; Dilatation; Freezing-, Melting-, and Boiling-Points; Gases and Vapours; Measurements and Use of Instruments; Miscellaneous; Specific Heat and Latent Heat; Temperature; Temperatures (high and low); Thermodynamics; Thermometry, Pyrometry, and Calorimetry; Vapour Pressure.**

***In Sound*:—All Abstracts referring to this subject have been indexed under *Sound*.**

***In Electricity and Magnetism*:—Absorption; Alternate-Current Research; Apparatus and Instruments (descriptive); Capacity (electrostatic); Conductivity and Resistivity; Dielectrics; Discharge in Gases and in Vacuo; Electromagnetic Theory; Inductance (self and mutual); Magnetism; Measurements and Use of Instruments; Electro-Physiology and Radiography; Miscellaneous; Oscillations and Waves; Polarisation (electric waves); Polarisation (electrolytic); Static and Atmospheric Electricity; Terrestrial Magnetism and Electricity; Thermo-Electricity and Thermo-Magnetism.**

***In Chemical Physics*:—Absorption; Alloys; Batteries (primary); Batteries (secondary); Chemical Equilibrium; Dissociation and Ionisation; Electric Furnace Processes; Electrolysis; Electrolytic Analysis; Metallography and Properties of Metals; Miscellaneous; Osmosis; Solution and Solubility.**

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